

General and Technical

Reference Number	Requirement	Proposer Fit Rating Response	Comments
<b>General Technical</b>			
GE 1.000	Application system is based on Service Oriented Architecture (SOA).	5	Microsoft .NET platform is employed to accomplish this architecture
GE 2.000	System consists of fully-integrated application modules (i.e., data is stored and updated in only one place).	5	Microsoft SQL Server is the central repository for application data
GE 3.000	System is table-driven with online screens to control parameters.	5	System parameters are stored in database tables and can be modified using the application and database management tools
GE 4.000	System utilizes effective-dated transactions and table updates (either future dated or retroactive) with the ability to specify data edits by type of transaction.	5	
GE 5.000	System supports multiple concurrent application sessions for each user.	5	
GE 6.000	Applications incorporate business rules into the system so that the rules are appropriately applied at the time data is being entered.	5	A combination of Xpath validation will be used for client-side validation checks and for server-side discretionary edits
GE 7.000	System is vendor-independent, non-proprietary, based on non-proprietary technology and is not locked into usage with proprietary hardware or operating system platforms.	0	MVS application is based on Microsoft .NET technology that runs on Microsoft Windows Operating Systems
GE 8.000	The system shall use a version of software that is currently supported under standard maintenance agreements and is generally available during the life of the contract.	5	MVS application is based on currently supported Microsoft technologies (.NET, Windows, SQL Server, etc.)
GE 9.000	System design is based on:		
GE 9.010	Real-time update of tables from end-user input screens without the use of batch processes.	5	
GE 9.020	All input (i.e., batch and on-line) edited via State defined parameters prior to processing.	5	System parameters are stored in database tables and can be modified using the application and database management tools
GE 10.000	System supports the following data-transfer methods:		
GE 10.010	XML	5	
GE 10.020	EDI: ASC X12 and/or UN EDIFACT	5	
GE 10.030	Flat file (e.g., ASCII, variable and/or fixed length, comma-delimited, etc.)	5	

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GE 11.000	System provides Enterprise Application Integration (EAI) functionality:		
GE 11.010	Connectivity services -- transports data across different networks and protocols	5	
GE 11.020	Communication services -- guarantees message delivery and handles queuing and encryption for various types of communication (e.g., publish and subscribe, request/reply, etc.)	5	
GE 11.030	Data-flow services -- routes data to the appropriate destinations) and filters messages	5	
GE 11.040	Data-mapping services -- links data to the appropriate meaning in different schemas	5	
GE 11.050	Data-transformation services -- handles data validation, calculations, lookups, padding, truncation, etc.	5	SQL Server Integration Services would be used for Data-transformation services
GE 11.060	Transaction processing services -- manages transactions across multiple applications	5	
GE 11.070	Business process flow services -- groups and links data flows to automate the steps in a business transaction	5	
GE 11.080	Web Services functionality (i.e., UDDI, WSDL, SOAP, etc.)	5	MVS application is built around Web Services to access the application layer and vendor communications
GE 12.000	System provides toolsets to accommodate the following:		
GE 12.010	Database maintenance	5	Microsoft SQL Server Management Studio will be used for database maintenance
GE 12.020	Report design and generation	5	Microsoft Visual Studio 2008 will be used for report design
GE 12.030	Application security administration	5	Microsoft Active Directory will be used for security administration
GE 12.040	End-user interface design	5	Microsoft Visual Studio 2008 will be used for end-user interface design
GE 12.050	System upgrade administration	5	
GE 12.060	API maintenance	5	Microsoft Visual Studio 2008 will be used for API maintenance
GE 12.070	Archiving/purging of data	5	Microsoft SQL Server Management Studio will be used for archiving/purging of data

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GE 13.000	System complies with Health Insurance Portability and Accountability Act (HIPAA) compliance rules, where applicable.	5	System has been designed with HIPAA compliance rules where anticipated. Further modifications to meet additional HIPAA requirements are not included in our proposed scope
GE 14.000	System complies with all applicable federal transportation legislation, including Real ID.	5	System has been designed with applicable federal transportation legislation, including Real ID where anticipated. Further modifications to meet this requirements are not included in our proposed scope
GE 15.000	System must comply with ADA Section 508 standards for accessibility.	5	3M has experience with the State of Kansas implementing ADA Section 508 compliance i.e. the Carrier Web portal. For any incremental customer facing web application requirements described in the RFP and not already provided by the 3M MVS Enterprise Software Suite, 3M will work with the State to implement ADA compliance.
GE 16.000	Applications are web-enabled and can be accessed by standard browsers without requiring specialized plug-ins or applets to function.	5	The system is web-enabled for portal access, administration, reporting and monitoring functions. The internal business transactions are web-based using a Smart Client framework.
GE 17.000	System maintains the state of the browser without cookies.	0	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 18.000	System integrates any proposed third party applications into the main menu structure to provide a seamless look and feel to the end users, including:		
GE 18.010	Menu structure is maintained during software upgrades for primary DMV system and third-party applications	5	The system uses Microsoft Active Directory to control menu structure. As long as third-party applications can also leverage Active Directory in the same manner then the system will be able to integrate third-party applications.
GE 18.020	Vendor proposed third party applications reflect DMV system security profiles.	5	The system uses Microsoft Active Directory to control menu structure. As long as third-party applications can also leverage Active Directory in the same manner then the system will be able to integrate third-party applications.
GE 19.000	System provides the ability to activate or inactivate any master record or validation table entry based on effective dates.	5	The system provides for effective dates on master tables and validation tables.

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GE 20.000	System provides the ability to define and tailor required input based on transaction type (e.g., DL renewal, new title, custom platte requests, etc).	5	Xpath validation will be used to control input validation
GE 21.000	System provides the ability for relate vehicle and driver financial transactions for taxes and fees to specific chart of account field values.	5	
GE 22.000	System provides the ability to track data at the detail and summary level.	5	
GE 23.000	System provides the ability to have wildcard or partial searches (e.g., names and tag numbers).	5	The system has implemented pre-defined searches that enable partial searches. SQL Server can allow wildcard searches.
GE 24.000	System provides the ability to default values based on value of another field.	5	
GE 25.000	System provides the ability to override system or user-defined defaults.	5	
GE 26.000	System provides the ability to apply alerts to any transaction based on any user defined criteria.	5	The system allows alerts to be added to Vehicle and/or Customer which are then displayed by transactions.
GE 27.000	System provides the ability to have descriptions on all transactions.	5	The system has been designed to incorporate comments in pre-defined transactions.
GE 28.000	System provides the ability to do spell checking, control case sensitive text (e.g., names) and mandate use of legal names (e.g., titles and drivers license).	0	The system mandates legal name where appropriate (e.g. titles and drivers license) per pre-defined business rules. The system has not been implemented for spell checking or case sensitivity. These features could be added but have not been included in the scope of this response.
GE 29.000	System provides the ability to format text in the system (i.e., the ability to capitalize letters, etc.).	5	
GE 30.000	System provides the ability to centrally control the addition of field requested data fields.	5	SQL Server allows for a central control for data fields.
GE 31.000	System provides the ability to provide descriptions for any codified fields or transactions.	5	The system has the ability to provide descriptions through data dictionaries or system documentation.
GE 32.000	System provides the ability to provide and accept electronic signatures.	5	The system has been designed with interfaces to third-party software to accept electronic signatures.

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GE 33.000	System provides the ability to import/export data (i.e., Open Data Base Connectivity (ODBC) compliant and/or other generally accepted formats).	5	
GE 34.000	System provides the ability to transmit and receive transactions electronically (i.e., EDI, web based transactions).	5	
GE 35.000	System shall have the ability to accept third-party interface data files.	5	
GE 36.000	System provides the ability to process and update Web site information at user specified times.	5	
GE 37.000	System provides the ability to transact across multiple fiscal years.	5	
GE 38.000	System provides the ability to utilize date effective tables for the calculation of taxes, fees and penalties associated with titling and licensing functions.	5	
GE 39.000	System provides the ability to provide cash controls at the county associate level.	5	
GE 40.000	System provides the ability to record and maintain daily transaction data at the location level.	5	
GE 41.000	System provides the ability to have edit checking tables that can be maintained and modified across all locations.	5	The system is designed with over 700 configuration tables which can be used for edit checking purposes.
GE 42.000	System provides the ability to add printable and non-printable notes to any field or document.	5	The system includes notes management functionality with the ability to link notes to any data element.
GE 43.000	System provides the ability to create form letters or forms that can be tailored to insert relevant driver / vehicle data.	5	The system has the ability to create form letters or forms with the use of Microsoft Visual Studio and/or XSL-FO.
GE 44.000	System provides the ability to capture document images and to link those images with the appropriate master record or transaction via an index.	5	The system will leverage the State FileNet imaging system and provide the ability to link images in pre-defined areas of the system.
GE 45.000	System provides the ability to automatically record user ID, date and time stamp with all document types.	5	The system records user id, date and time stamp with associated metadata when a specific document type is recorded.
GE 46.000	System provides the ability to void or cancel documents at any process level with user defined reason codes or with standard reason codes.	0	The system can link to a document management solution which can provide this capability. These features could be added but have not been included in the scope of this response.

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GE 47.000	System provides the ability to make corrections and modifications after initial entry of information with an audit trail to track these changes.	5	The system allows the ability to make corrections and modifications after initial entry. Audit trails are inherent in the database design and / or available through SQL Server.
GE 48.000	System provides the ability to provide templates or shortcuts for recurring document entry or processing.	0	The system can link to a document management solution which can provide this capability. These features could be added but have not been included in the scope of this response.
GE 49.000	System provides the ability to copy a document in order to create a new document of the same type.	0	The system can link to a document management solution which can provide this capability. These features could be added but have not been included in the scope of this response.
GE 50.000	System provides the ability to generate special clauses on documents as defined by users or by standard clauses.	0	The system can link to a document management solution which can provide this capability. These features could be added but have not been included in the scope of this response.
GE 51.000	System provides the ability to have multiple scanned attachments and types of attachments to vehicle / driver records (i.e., support / backup documentation).	5	The system allows multiple scanned documents to be linked to a vehicle or driver record.
GE 52.000	System provides the ability to allow multiple financial accounts to be used to record a single vehicle or driver transaction.	5	
GE 53.000	Conversely, system provides the ability to allow for one financial account to apply to all line items in a transaction.	5	
GE 54.000	System provides the ability to capture OCR line (optical character recognition) information.	5	The system will leverage the State FileNet imaging system and associated OCR capabilities.
GE 55.000	System provides the ability to exit any document or screen before the transaction is completed, providing the user the option of saving work in-process or without saving changes.	5	The system work-in-process functionality allows for temporal transaction data to be optionally saved.
GE 56.000	System provides the ability to prevent transactions that reference a record in an "inactive" status and the ability to override the prevention.	0	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.
GE 57.000	System provides the ability to process mass changes & deletions.	5	

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GE 58.000	System provides the ability to post messages on the system for better communication about system wide issues/issues affecting all Counties or users.	5	The system provides work management queues for all users. These queues could be used to broadcast messages.
GE 59.000	System must be compatible with "First Logic" Postal Software Suite.	5	The 3M MVS Enterprise Software Suite leverages SOA to integrate to third-party software. Integration of First Logic Postal Software is not included in our proposed scope.
<b>Infrastructure Requirements</b>			
GE 60.000	System is designed to operation over a distributed systems architecture.	5	The 3M MVS Enterprise Software Suite is designed using a n-tier Enterprise architecture. The architecture is stateless and provides for load balancing. For specific instances, the 3M solution is designed to function in a distributed manner i.e. NMVTIS processing within a Title and Registration transaction. Additional distributed computing is outside the scope of this response.
GE 61.000	Web servers utilize a Windows, Unix, z/OS, or Linux operating system.	5	Web servers utilize Microsoft Internet Information Services
GE 62.000	Application servers and Database servers utilize a Windows, Unix (Solaris), z/OS, or Linux operating system.	5	Application servers and Database servers utilize Microsoft Windows operating systems
GE 63.000	Technologies based on "Virtual Server Architecture" will be considered.	5	
GE 64.000	System must be fully supportable within the infrastructure platform that is recommended providing extensibility, redundancy, scalability, reliability, and connectivity.	5	
GE 65.000	The recommended infrastructure layers shall be those most commonly used by the DMV Software Providers customer base.	5	The system infrastructure layer is primarily based on Microsoft technologies.
GE 66.000	Infrastructure platform must provide mature support practices for both hardware and software (such as automated security update processes available on Windows and automated problem detection with phone home support).	5	
GE 67.000	Capacity estimates for processor performance requirements must be provided for all proposed solutions.	5	3M will collaborate with State staff to derive acceptable capacity estimates given many factors.
GE 68.000	Capacity estimates for processor memory requirements must be provided for all proposed solutions.	5	3M will collaborate with State staff to derive acceptable capacity estimates given many factors.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 69.000	Capacity estimates for storage requirements must be provided for all proposed solutions.	5	3M will collaborate with State staff to derive acceptable capacity estimates given many factors.
GE 70.000	Large volume printing support must be compatible with laser printers attached to a z/Series mainframe.	5	The system utilizes the Antenna House rendering engine which is designed for large volume printing with printers with Windows print drivers.
GE 71.000	System shall be able to handle locally attached printers as well as network printers. To the degree possible, the system shall use universal printing methods to support the widest range of printing solutions.	5	
GE 72.000	System shall conform with Kansas Enterprise Architecture Standards <a href="http://www.da.ks.gov/itec/Architecture.htm">http://www.da.ks.gov/itec/Architecture.htm</a>	5	3M has worked with Kansas technology staff to meet State standards for the Commercial Vehicle implementation and will consistently apply that experience to the vehicle / drivers implementation.
GE 73.000	System shall provide a smart client architecture for all users, which will provide rich functionality from the desktop.	5	
GE 74.000	System shall support the ability to scan 1D and 2D barcodes on any bar-coded document at all offices.	5	
GE 75.000	System shall have the ability to use secure FTP to accommodate file transfers.	5	
GE 76.000	System shall provide for encryption between Web browser and server environment.	5	
GE 77.000	System shall have the ability to work on an Ethernet network.	5	
GE 78.000	System shall use Active Directory (MS) for client authentication and password control/authentication.	5	
GE 79.000	If the proposed intranet accessible system does not rely on the state's Active Directory for authentication before gaining access to the application, the system shall provide a mechanism to require users to change passwords on a scheduled basis.	5	3M proposes Active Directory
GE 80.000	System shall have the ability to accept input from a variety of devices such as:		
GE 80.010	Keyboard	5	



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GE 80.020	Barcode reader	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 80.030	IVR	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 80.040	Mouse	5	
GE 80.050	Scanner	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 80.060	Batch file (tape, FTP, and so on)	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 80.070	Signature Pad	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 80.080	Digital Camera	5	The system has the ability to accept this type of input given it's SOA capabilities. Implementation for this specific input type will need to be scoped per business requirements.
GE 81.000	Smart Card Integration: The system should integrate with a smart card system for user authentication.	0	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 82.000	System is compatible with the State's use of network protocols, such as TCP/IP.	5	
GE 83.000	Access requirements through firewalls are clearly identified and follow standard port designations.	5	
GE 84.000	System supports a fully scalable architecture designed to allow incremental increases in hardware capacity to meet demands of increased usage.	5	
GE 85.000	System supports multi-node application server processing so that application processing load can be distributed and balanced across multiple physical servers.	5	

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GE 86.000	System architecture supports rapid failover or redeployment in the event of planned or unplanned interruptions.	5	
GE 87.000	System architecture ensures that ninety-nine percent of all failover events are concluded in less than five minutes.	5	The system architecture failover is reliant on Microsoft technologies.
GE 88.000	System architecture ensures that batch processing does not interfere with on-line responsiveness or availability.	5	The 3M solution recommends an architecture that isolates batch processing by hardware, software and /or business hours such that it does not interfere with on-line responsiveness.
GE 89.000	System architecture provides user session isolation such that a failure in one session has no impact on other user sessions.	5	
<b>Database Management System</b>			
GE 90.000	System must be compatible with relational DBMS, including latest supported release of MS SQL Server or Oracle.	5	MVS application is compatible with Microsoft SQL Server
GE 91.000	System database supports data replication and synchronization across multiple physical servers.	5	
GE 92.000	System updates all related modules and tables with a single entry which takes effect throughout System.	5	
GE 93.000	System tracks and stores date effective changes throughout all modules.	5	
GE 94.000	System provides query features that support alternate field lookup, for instance, using vendor name to look up vendor number.	5	
GE 95.000	System provides table look-up fields that can be linked to, or refer to, other tables.	5	
GE 96.000	System database supports execution of procedures stored in the database based on event triggers.	5	
GE 97.000	System database provides automatic replication of table updates to multiple databases.	5	
GE 98.000	System database locks records at the data item level.	0	The proposed SQL Server database allows row level locking.
GE 99.000	Data attributes can be configured by System administrator.	5	
GE 100.000	System database provides standard query language (SQL) capabilities for database queries.	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 101.000	System database allows properly authorized administrators to create new data items on-line and will automatically update a global data dictionary with these new elements.	5	
GE 102.000	New data items are automatically included in migration paths during software upgrades.	5	
GE 103.000	Data model documentation for accommodating new fields is included as part of upgrade strategy.	5	
GE 104.000	System provides the ability to meet provisions of records retention schedule as defined by law for vehicles:		
GE 104.010	Vehicles in service, 10 years, then archived	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 104.020	Vehicles not titled, 35 years in archive	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 104.030	Vehicles titles since 1950, archived indefinitely	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 104.040	Vehicle registration transactions maintained on line for 3 years, then purged.	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 104.050	"Specialty vehicles" registration transactions maintained on line for 5 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 104.060	Alcohol or drug-related convictions associated with any State drivers' license must be retained indefinitely.	5	
GE 105.000	System provides ability to purge vehicle records based on:		

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GE 105.010	No title recorded, purge after 35 years	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 105.020	Title recorded, no purge.	5	
GE 106.000	System provides the ability to meet provisions of records retention schedule as defined by law for drivers:		
GE 106.010	Expired DL and source documents maintained on line for 3 years	5	
GE 106.020	Expired DL and source documents maintained in archive for 10 years	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.030	Expired DL and source document records purged after 10 years in archive, if non-CDL, or no alcohol related offense history	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.040	Driver non-serious traffic offenses maintained on line 4 years (archive after 4 years)	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.050	Minor Driver non-serious traffic offenses maintained on line 6 years (archive after 6 years)	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.060	Once offense history archived, maintain for 10 years	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.070	After 10 years in archive, purge offense history	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope

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GE 106.080	License withdrawal actions maintained on line for 4 years from reinstatement date, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.090	Driver accidents maintained on line for 4 years from date of accident, then purged (unless no insurance liability involved, then retain for 4 years from resolution date)	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.100	Commercial drivers (CDL) accidents maintained on line for 11 years	5	
GE 106.110	Accidents involving commercial motor vehicles (CMV) accidents maintained on line for 11 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.120	"Major convictions" for CDL and CMV offenses maintained on line for 56 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.130	"Serious convictions" for CDL and CMV offenses maintained on line for 5 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.140	"Railroad Grade Crossing convictions" for CDL and CMV offenses maintained on line for 5 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.150	"Out of Service convictions" for CDL and CMV offenses maintained on line for 16 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.160	"All Other convictions" for CDL and CMV offenses maintained on line for 4 years, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 106.170	Withdrawal actions involving commercial motor vehicles (CMV) maintained on line for 4 years from the latest date of effective date, eligibility date or reinstatement date, then purged	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.180	DL or CDL retained on line for 1 year from report of death, then purged (unless alcohol history, accident history, license hold or suspension - retain record in archive for 6 years, then purge)	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.190	Expired DL / CDL retained on line from 3 years from expiration date, then purged (unless alcohol history - retain online indefinitely)	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.200	Expired CDL with conviction history follow conviction history retention policies	0	Our base software does not meet this requirement. Because of unknown retention impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.210	Expired CDL with withdrawal history follow withdrawal history retention policies	0	Our base software does not meet this requirement. Because of unknown retention impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 106.220	Expired CDL with serious, major, or non-major driver history, follow driver event and accident history retention policies	0	Our base software does not meet this requirement. Because of unknown retention impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 107.000	All system data can be archived and retrieved.	5	
GE 108.000	System administrator can define retention periods and modify as law requires.	0	Our base software does not meet this requirement. Because of unknown retention impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 109.000	Processing for erroneous transactions is suspended until the error is resolved.	5	The system meets this requirement through the work-in-process functionality.
GE 110.000	Deleted records are marked for deletion but not removed from the database until archived.	5	

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GE 111.000	Administrator has the ability to reset deleted records (maintaining referential integrity).	5	This requirement can be met by using SQL Server tools.
GE 112.000	System supports mass change capability to defined groups of transactions or data.	5	This requirement can be met by using SQL Server tools.
GE 113.000	System provides method to access archived data when system architecture changes as a result of software upgrade.	5	This requirement can be met with proposed solution but specific implementation is not included in our proposed scope.
GE 114.000	System can be configured to purge records upon request for records within a user-defined time and criteria:		
GE 114.010	Validates integrity of database before and after purge	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 114.020	Identifies orphaned records (e.g., records that do not have parent values)	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 115.000	System provides a method to access, query, and report against archived data.	5	This requirement is met for currently archived data.
GE 116.000	System includes ability to list all records included in purge.	0	Our base software does not meet this requirement. Because of unknown purging impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 117.000	System provides the ability to purge, archive, and restore inactive records based on user defined criteria.	0	Our base software does not meet this requirement. Because of unknown purging / archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
<b>Processing / Operations</b>			
GE 118.000	System allows system administrators to control the priority and sequencing of processes based on operational guidelines.	5	
GE 119.000	System shall provide utilities including, but not limited to, the functions listed below:		
GE 119.010	Version control	5	Microsoft Team Foundation Server will be used for version control
GE 119.020	Backup and recovery	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 119.030	Data archiving	5	Microsoft SQL Server can archive databases
GE 119.040	Job scheduling	5	Microsoft SQL Server Scheduler will be used for batch job scheduling
GE 119.050	Performance monitoring	5	
GE 119.060	Security, audit trail	5	
GE 119.070	Document attachment	5	
GE 120.000	System shall have the ability for remote monitoring and administration of all applications.	5	
GE 121.000	System must allow complete or incremental database and system backups on a nightly schedule as well as on demand as needed.	5	
GE 122.000	System shall provide system maintenance routines and necessary system maintenance processes such as purge, backup, recovery, and restore routines.	5	
GE 123.000	System shall provide the ability to archive information for any specified time frame.	0	Our base software does not meet this requirement. Because of unknown archiving impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 124.000	System shall provide disaster recovery and business continuance processes, including offsite storage capability.	0	Our proposed solution leverages the State's existing disaster recovery environment and infrastructure including the offsite storage to provide disaster recovery and business continuity processes.
GE 125.000	Disaster recovery approach and environment shall enable restoration of operations within 24 hours from the loss of processing capability.	0	Our proposed solution leverages the State's existing disaster recovery environment and infrastructure. We would work with Kansas IT staff on an approach that restores operations using the tools currently available to the State.
GE 126.000	System shall support all online transactions for data integrity, redundancy, and recoverability purposes.	5	
GE 127.000	System shall support failover redundancies and swapping of critical system components and critical data of all system components.	5	



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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 128.000	System shall provide a clearly defined promote-to-production process that enforces a strictly defined methodology for movement from development to Quality Assurance (QA) and production, with the ability to "roll back" to previous version.	5	
GE 129.000	System provides a job scheduling interface that integrates with CA Unicenter Enterprise Job Scheduling and other 3rd party Job scheduling tool sets.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 130.000	System supplies job scheduling tools that allow users to predefine start times for batch processes.	5	SQL Server Scheduling will be utilized to meet this requirement.
GE 131.000	System supplies job scheduling tools that allow users to control jobs by transaction type.	5	This requirement is handled through the definition and creation of individual batch jobs by transaction type or by parameterized batch jobs.
GE 132.000	System allows users to sequence multiple jobs based on outcome of each successive job.	5	
GE 133.000	System maintains a system-wide calendar, which can be updated on-line by the user, for production scheduling.	5	SQL Server Scheduling will be utilized to meet this requirement.
GE 134.000	System provides automatic program checks for controlling data files, verifying correct processing, and ensuring data integrity. Available program checks include record counts, totals, limit checks, and dollar totals.	5	The system is capable of providing automatic program checks as is implemented in current functionality. Specific automatic program checks by batch interface will need to be defined by batch interface and fit within the estimated scope for the batch job.
GE 135.000	System automatically reconciles all exported/imported data	0	Specific reconciliation parameters are undefined and are not included in our proposed scope
GE 136.000	System provides job scheduling tools and/or 3rd party job scheduling tool interface to automate administrative tasks such as data base backups or regular report production.	5	Microsoft SQL Server Scheduler will be used to automate database administrative tasks
GE 137.000	System provides software distribution tools to facilitate migration of application software to other servers (e.g., test, development, production, etc.)	5	Microsoft Team Foundation Server will be used for version control and application migration
GE 138.000	Application is supported by version control tools that provide "check in" and "check out" support.	5	Microsoft Team Foundation Server will be used for version control
GE 139.000	System tools support enterprise-wide administration of multiple application servers.	5	Microsoft server tools will be leveraged for administration

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 140.000	System tools support proactive management of application server resources.	5	Microsoft server tools will be leveraged for administration
GE 141.000	System provides the ability to have all related business files shared across functional areas (i.e., Driver's License and Vehicles) or across organizations.	5	
GE 142.000	System provides the ability to have 24-hour access to the reporting system, 7 days a week, particularly during the legislative session, with appropriate State-approved allowance for scheduled downtime for system backups, batch cycle (if applicable), archiving, or system maintenance, etc.	5	
GE 143.000	System provides the ability to minimize the impact on overall system performance when a large report or inquiry is being run.	5	The system is designed to minimize inquiry impact. The system provides alternate solution for executive processor intensive reports i.e. Data Warehouse, reporting database. Implementation of any conflicting future business requirements will need to be assessed and managed by State.
GE 144.000	System provides the ability to have access to the system from 6am to 7pm central time.	5	
GE 145.000	System shall provide for and support the ability to control batch job execution by time of day, date, and processing cycle (weekly, monthly, yearly, quarterly, on request, etc.).	5	
GE 146.000	System shall provide for and support the ability to sequence multiple jobs with multiple dependencies on jobs, files, exceptions, etc.	5	
GE 147.000	System shall provide for and support automated, internal, integrated system checkpoints that monitor system accuracy and completeness before proceeding to the next step or application batch process.	5	
GE 148.000	System shall have the ability to backup, recover, restart, and cancel jobs.	5	
GE 149.000	System shall be available in different environments including development, QA/test, training, and production.	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 150.000	System shall provide sub-second system response time (internally in the application excluding the network).	5	The system response time internally in the application is designed to achieve sub-second response. Variances in hardware, load-mix, capacity, and other related factors will need to be managed by state to maintain this level of performance.
<b>Desktop Integration</b>			
GE 151.000	The system supports the importing/exporting of data with popular desktop applications. (e.g., Microsoft Excel, Microsoft Word).	5	Microsoft SQL Server is capable of integration with other Microsoft products such as Excel and Word for data imports and exports.
GE 152.000	The system is compatible with and supports integration with enterprise document imaging systems (e.g., FileNet).	3	The proposed solution includes two interfaces specific to FileNet integration. These interfaces include a capability to associate indexed documents/images from FileNet to the customer record and outbound integration to update index information from 3M to FileNet when content is being ingested into FileNet.
GE 153.000	The system utilizes standard e-mail protocols, e.g., IMAP, MAPI, POP3, SMTP, etc.	5	
GE 154.000	The system is compatible with industry-standard fax server systems.	5	The system is compatible with industry-standard fax server systems. Explicit integration to any specific fax software has not been scoped specific to this response.
<b>Desktop Configuration</b>			
GE 155.000	Client stations may run under any hardware/OS configuration capable of supporting a current-generation Web browser (Netscape 7.00 or above, Microsoft Explorer 6.0 or above).	0	The 3M MVS Enterprise Software Suite runs on the Microsoft Windows platform.
GE 156.000	System is web-based and requires limited software installation on client workstations.	5	The 3M MVS Enterprise Software Suite is web-based and utilized both browser and Smart Client technology. In either instance, software installation is minimized as feasible.
GE 157.000	System processes that run on the desktop must be compatible with currently supported MS Windows operating systems.	5	The 3M MVS Enterprise Software Suite is built on a Microsoft .Net platform.
<b>User Interface</b>			
GE 158.000	System uses a consistent user interface across all components, including:		
GE 158.010	User-definable hot keys	5	The system provides consistent hot keys as designed.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 158.020	Screen naming functions	5	
GE 158.030	Navigation patterns	5	The system provides consistent navigation patterns unless intentionally designed uniquely per business requirements.
GE 158.040	Consistent use of controls	5	
GE 158.050	Help	5	
GE 158.060	Menus (as defined by security profile)	5	
GE 159.000	System utilizes on-line, drop-down lists for all valid values for each validated field which may be based on prior data entered.	5	
GE 160.000	System provides immediate transfer of values from "pop up" tables to the appropriate field when selected.	5	
GE 161.000	On-line screens proceeds directly and automatically to the next appropriate field when data is entered.	5	The system is designed to include a logical tabbing framework based on business requirements.
GE 162.000	System can access other input screens and modules without backing out of menus or menu paths.	5	
GE 163.000	System supports cut and paste for copying data between windows.	5	
GE 164.000	System allows navigation between multiple, related input screens without losing information input on the original (or header) screen.	5	
GE 165.000	System allows the user to move backward within a menu structure without losing data.	5	
GE 166.000	System allows user to open multiple screens/windows simultaneously.	5	
GE 167.000	System supports the development of multiple web-enabled user interfaces or portals (e.g., dealers, banks, citizens) which access the same back-end systems as internal DMV operations staff.	5	
GE 168.000	System shall provide for and support a standard Graphical User Interface (GUI) throughout the application.	5	
GE 169.000	System shall provide for and support a consistent GUI across all parts of the system and provide a common look and feel across all parts of the system, including:		
GE 169.010	Consistent function keys	5	
GE 169.020	Screen naming functions	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 169.030	Navigation patterns	5	The system provides consistent navigation patterns unless intentionally designed uniquely per business requirements.
GE 169.040	Menus (as defined by security profile)	5	
GE 170.000	System shall edit all transactions for errors upon data entry.	5	The system applies edits upon data entry or completion of a business transaction depending on level of edit.
GE 171.000	System shall allow for mass adds, changes, or deletions to be accomplished without record-by-record input.	5	The system meets this requirement through the batch framework architecture.
GE 172.000	System shall provide for and support keyboard shortcuts for common functions such as copy and paste.	5	
<b>Security and Audit</b>			
GE 173.000	System shall provide a mechanism for establishing and maintaining system security.	5	
GE 174.000	System security is integrated throughout all DMV application modules and Data Warehouse. Any disparate software products that rely on security inherent to the product must be identified.	5	
GE 175.000	All password and security related files are maintained in an encrypted state.	5	
GE 176.000	When a user logs in to begin a session, all authentication information on that session is made available to any application, screen or transaction that the user attempts to access during that session.	5	
GE 177.000	System does not use embedded logins and passwords.	5	
GE 178.000	Users must authenticate themselves to access application servers.	5	
GE 179.000	System tools control user access to application servers.	5	
GE 180.000	System tools control access to application servers from other servers.	5	
GE 181.000	System tools audit and report on application server access and access attempts.	5	
GE 182.000	Users must authenticate themselves to access the database or database servers.	5	
GE 183.000	Users must authenticate themselves to access workflows.	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 184.000	System conforms to NIST (National Institute of Standard Technology) standards. Publication 800-53.	5	3M has implemented an Enterprise commercial vehicle application in the Kansas environment and will implement the same NIST standards for this RFP response.
GE 185.000	System logs transactions by user ID.	5	
GE 186.000	System maintains historical records (i.e., a log file) of table updates. Data logged includes, but is not limited to, user ID, data before change, change data and date/time stamp.	5	The system has various mechanisms to logs historical records. Some methods are implemented in the database design (for user ids, time stamps, and history of pre-defined changed data) and others are inherent in Microsoft SQL Server (for changed data).
GE 187.000	System requires users to change passwords at intervals set by State security officers.	5	Microsoft Active Directory policies will control change password requirements.
GE 188.000	System enables security officers to define required password characteristics.	5	Microsoft Active Directory policies will control change password requirements.
GE 189.000	System uses a single password and logon for all system functions enabled in the user's security profile.	5	
GE 190.000	System security has the capability to support integration with the State's access and identity management tools to allow network sign-on to provide system access.	5	Microsoft Active Directory capabilities will be used for integration to State identity management.
GE 191.000	System provides the ability to establish one logon that works with all modules within System and Data Warehouse.	5	Microsoft Active Directory will manage authentication across system.
GE 192.000	System automates the creation and deletion of user accounts across multiple DMV application modules.	5	Microsoft Active Directory will manage creation and deletion of user accounts.
GE 193.000	System provides secure access to Counties and KDOR employees working outside the State's firewall.	5	Microsoft Active Directory will manage authentication for Counties and KDOR employees.
GE 194.000	System enables system administrator to resume and/or revoke passwords.	5	Microsoft Active Directory policies will control change password requirements.
GE 195.000	System denies access to user after a specified number of failed logon attempts.	5	Microsoft Active Directory policies will control authentication requirements.
GE 196.000	System takes appropriate action (based on user-defined criteria) and generates a report to the security officer if user attempts to breach system authorized security level based upon administrator-defined parameters.	5	Microsoft Active Directory policies will control authentication requirements.
GE 197.000	System records unsuccessful logon attempts and retain the records for a user-defined period of time.	5	Microsoft Active Directory policies will control authentication requirements.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 198.000	System issues an alert to the end-user and notifies System administrator after a specified number of unauthorized log on attempts.	5	Microsoft Active Directory policies will control authentication requirements.
GE 199.000	System deactivates a user logon id after a system administrator-defined period of inactivity.	5	Microsoft Active Directory policies will control authentication requirements.
GE 200.000	System automatically logs off user after a period of session inactivity, as specified by System administrator.	5	
GE 201.000	System allows authorized administrators to establish user security profiles that restrict ability to:		
GE 201.010	Log on	5	Microsoft Active Directory policies will control authentication requirements.
GE 201.020	Add data	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality by user, group and/or roles.
GE 201.030	Delete data	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality by user, group and/or roles.
GE 201.040	Change data	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality by user, group and/or roles.
GE 201.050	View data	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality by user, group and/or roles.
GE 201.060	Approve data	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality by user, group and/or roles.
GE 202.000	System allows authorized administrators to restrict data access for each security profile by using the following values either individually or in combination:		

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 202.010	IP Address	5	The system allows data access to be restricted by IP address at the DMZ level.
GE 202.020	Employee id	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.030	User id	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.040	Type of license or type of vehicle	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.050	Application module	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.060	Screen	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.070	Data item or field within screen	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.080	Workstation	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 202.090	Menu	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.



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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 202.100	Report	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.110	Employee status	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 202.120	Transaction type	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.130	Document type	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.140	Role	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 202.150	Restrict Access to certain logs/files (i.e., database administrator would not have access to change log files)	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 203.000	System allows security profiles and related data access limitations to be applied across all reporting and query functions.	5	The system grants users access and permissions based on authorization. Administrators can restrict the user's ability to perform actions by restricting access to system functions and/or functionality.
GE 204.000	System restricts use of data by external report writers, data extracts, etc. based on user-defined criteria.	5	
GE 205.000	System supports standard Internet security, including but not limited to:		
GE 205.010	Public Key Infrastructure (PKI)	5	The system can support the following standard internet security, but implementation of this protocol is not included in the scope of this response.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 205.020	Digital Certificates	5	The system can support the following standard internet security, but implementation of this protocol is not included in the scope of this response.
GE 205.030	Various levels of encryption	5	The system can support the following standard internet security, but implementation of this protocol is not included in the scope of this response.
GE 205.040	AES encryption	5	The system can support the following standard internet security, but implementation of this protocol is not included in the scope of this response.
GE 205.050	Secure Socket Layers (SSL)	5	
GE 205.060	Secure Hypertext Transfer Protocol (HTTPS)	5	
GE 205.070	Digital Signatures	5	The system can support the following standard internet security, but implementation of this protocol is not included in the scope of this response.
GE 206.000	System enables centrally administered security (i.e., one security administrator).	5	
GE 207.000	System enables de-centralized security administration (i.e., agency application/system security administrators overseen by a central security administrator).	5	
GE 208.000	System provides security reports showing:		
GE 208.010	Authorized system use	5	Microsoft Active Directory provides security reporting capabilities.
GE 208.020	Unauthorized system use	5	Microsoft Active Directory provides security reporting capabilities.
GE 208.030	Security profiles by user	5	Microsoft Active Directory provides security reporting capabilities.
GE 208.040	Security breaches or attempts	5	Microsoft Active Directory provides security reporting capabilities.
GE 209.000	System is able to define user profiles in various ways, such as:		
GE 209.010	Assign multiple users to a single profile	5	This requirement is met through the use of groups and/or roles.
GE 209.020	Define user specific characteristics for a profile without creating a new profile	5	This requirement is met through profile management.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 209.030	Assign multiple security profiles to a single user	5	This requirement is met through profile management.
GE 209.040	Designating combinations of security profiles as representing incompatible functions and generating a warning message to notify the administrator if multiple security profiles applied to a single user are in conflict. Such instances are recorded by system.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 210.000	System provides the ability for record or file encryption using AES standards .	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 211.000	System can encrypt data stored in the database.	5	Microsoft SQL Server provides data encryption.
GE 212.000	System can selectively (based on user-defined criteria) block the full display of certain data, for example, display only the last four digits of SSNs either online or on a hard copy report.	5	The system can provide selective blocking of data as provided in Third-Party administration privacy functionality. Explicit implementation of this requirement is not included in the scope of this response unless specifically indicated in functional sections.
GE 213.000	System provides security for e-commerce functions, including customer authentication and encryption to protect customer data.	5	Microsoft Active Directory provides security for the system.
GE 214.000	System supports biometric / fingerprint as user verification devices.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 215.000	System supports the automated generation and email distribution of user ID, password for users forgetting sign-on requirements.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 216.000	System shall restrict access to authorized users and protect against fraud and error. This includes transaction and data set protection.	5	The system provides various fraud and error mechanisms. KDOR policy will be required to ensure holistic protection.
GE 217.000	System shall support the assignment and monitoring of specific security levels to individuals and groups.	5	The system provides security by individual, group and / or role. System also provides security levels for business rules.
GE 218.000	System shall keep a log of all attempted security violations.	5	Microsoft Active Directory provides logs for attempted security violations.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 219.000	System shall provide the capability to log all access to predetermined system data including username, organization, date/time, and title/vehicle identifier. Reports will support regular review.	5	The system is capable of providing logs for access to predefined system data. Additional specific logging is not included within the estimated scope.
GE 220.000	System will support application driven limitations on records available. For example, application status browse would only provide a view of data that the user is authorized to see.	5	
GE 221.000	System shall support "roles" limiting access to functions.	5	
GE 222.000	Ad Hoc/Query/Reporting shall be subject to application security.	5	
GE 223.000	System shall have the ability to configure an entry screen based upon the security profile (role) of the user.	5	
GE 224.000	System shall have the ability to allow, disallow, or limit access or permissions to the following based on users' level of security as established by their user IDs:		
GE 224.010	Operating system	5	
GE 224.020	Application	5	
GE 224.030	Role within the workgroup, organization, or department	5	
GE 224.040	Component	5	
GE 224.050	Approval levels	5	
GE 224.060	Transaction	5	
GE 225.000	System shall have the ability to create and assign user IDs and passwords that are consistent with the state standard and include hardened password definition/protection.	5	Microsoft Active Directory policies will control change password requirements.
GE 226.000	System shall have the ability to provide a "forget password" reset process.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 227.000	System shall have the ability for users to change their own password.	5	
GE 228.000	System shall have the ability to authenticate passwords.	5	
GE 229.000	System shall provide a single sign-on to all application components.	5	

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 230.000	System shall allow a user to be logged in on one computer at a time.	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 231.000	System shall have the ability to apply role-based authorization and security for information throughout the system.	5	
GE 232.000	System shall provide reports on user access, usage, and audit trails.	5	
GE 233.000	System shall have the ability to modify security profiles online with immediate affectivity.	5	
GE 234.000	System shall have the ability to disconnect a user.	5	
GE 235.000	System shall have the ability to timeout or to suspend a user after a predetermined period of non-activity at the workstation.	5	
GE 236.000	System shall provide maintenance of user IDs in both centralized and decentralized organizations.	5	
GE 237.000	System shall have the ability to support suspension of user ID after user-defined number of failed login attempts (for example, requires system administrator to reset password).	5	Microsoft Active Directory policies will control login attempt requirements.
GE 238.000	System shall have the ability to provide report of failed login attempts and unauthorized attempts.	5	Microsoft Active Directory policies will control login attempt requirements.
GE 239.000	System shall have the ability of a logging and auditing function to capture authorized and unauthorized attempts to access the application and database.	5	Microsoft Active Directory policies will control login attempt requirements.
GE 240.000	System shall provide security authentication and authorization mechanisms including:		
GE 240.010	Authentication framework to secure both web-based access and web services.	5	
GE 240.020	Web service authentication using same authentication scheme, but extended for web services. Provide web service authentication, authorization, and session management services.	5	
GE 241.000	System shall provide an audit trail for tracking configuration changes.	5	The system provides effectiveness for defined configuration data which provides an audit trail for changes.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 242.000	System shall provide audit trails and reports that identify who accessed (or failed to access) the system, time of login, duration of time on the system, and transactions/actions performed by a user. Audit history shall be maintained for a pre-defined period of time. It must be a complete log and not just the last action taken by a user.	5	The system provides audit trails and reports that identify who accessed (or failed to access) the system, time of login, and duration of time on the system. Audit trails for transactions/actions performed by a user can be derived from the user and timestamps logged with each transactional updates. Core transactions in the system also store history in order to derive complete log and not just the last action taken by a user.
GE 243.000	System shall provide the ability to track changes made to pre-determined data on the system, the dates, and ID of user who worked on a transaction and what pre-determined fields were modified.	5	The system tracks changes to predefined data i.e. business transactions.
GE 244.000	System shall provide database logs to track database errors with notifications sent based on error and severity.	5	The system provides an error log for database errors. Notification can be sent to predefined user / administrator queues.
GE 245.000	System shall log application errors which are of a severity such that the transaction is aborted (or otherwise unable to complete successfully) to a centralized error logging facility. The error information should include (but not be limited to):		
GE 245.010	Detailed information about the error sufficient to support diagnosis of the error	5	
GE 245.020	The system component/module where the error occurred	5	
GE 245.030	Information about the user that received the error	5	
GE 245.040	The machine/location of where the problem occurred	5	
GE 246.000	System shall maintain detailed audit trails when any form of tender is received, disbursed, or refunded or any controlled stock item is issued. At a minimum, the audit trail will include the identifier of the user performing the transaction, the nature, data, and time of the transaction, and the location where the transaction took place.	5	
GE 247.000	System shall maintain an audit trail of all transactions, including inquiries for pre-determined records, performed by contracted third parties.	5	The system tracks business transactions performed by all users by storing user id's with the change. Inquiries for predefined records (i.e. customer data records) are logged.

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 248.000	System administration function must provide an automated and secure process for updating and tracking maintenance table updates.	5	System maintenance tables are secured through Active Directory security and/or SQL Server security.
<b>Error Handling Characteristics</b>			
GE 249.000	System error messages appear in a consistent format across all DMV modules for both batch and on-line processing. Specifically, error messages have like codes, text and screen locations.	5	
GE 250.000	System integrates error messages with on-line help function.	5	
GE 251.000	System provides an error/recycle file for rejected batch transactions.	5	
GE 252.000	System captures rejected or unposted transactions in a file for user resolution.	5	
GE 253.000	System produces error statistics by module, transaction and source.	5	
GE 254.000	System provides the ability to highlight errors on the screen for immediate correction.	5	
GE 255.000	System provides the ability for a central log of all problems/errors.	5	
GE 256.000	System provides the ability to provide descriptive error messages.	5	
GE 257.000	System provides the ability to have access to statewide or County specific data through profile-based security.	5	
<b>System Documentation</b>			
GE 258.000	System provides accurate, up-to-date, electronic, end-user manuals which contain clear and thorough descriptions of all screen and batch processing functions, screen data, programs, system reports, and any processing parameters.	5	
GE 259.000	System provides search functions for on-line documentation.	5	
GE 260.000	All system documentation and manuals are available electronically.	5	
GE 261.000	System provides comprehensive technical system documentation and technical manuals (intended for information systems personnel) including, but not limited to:		

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Reference Number	Requirement	Proposer Fit Rating Response	Comments
GE 261.010	Program descriptions	5	
GE 261.020	Screen definitions and descriptions	5	
GE 261.030	Database definitions, logical data model, and record layouts	5	
GE 261.040	Security Administration documentation	5	
GE 261.050	Workflow processes documentation	5	
GE 261.060	Process flow documentation	5	
GE 261.070	Calendar dependant documentation	0	Our base software does not meet this requirement. Because of unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope
GE 262.000	System enables users to incorporate user-defined documentation into system documentation (e.g., user procedures, business rules, etc.)		
GE 262.010	Accessible in the same manner as Vendor provided documentation	5	System provides documentation in an updatable format such that user-defined documentation can be incorporated by user as required.
GE 262.020	Incorporated into documentation automatically during the upgrade process	5	System provides documentation in an updatable format such that user-defined documentation can be incorporated by user as required during the upgrade process.